

Abstract

The present invention relates to refrigerants generally, and more specifically to nonflammable, nonozone depleting, mixtures of refrigerants that may be substituted for HCFC-22, R-407C, R-417A, R-502, R-500, CFC-12, R-404A, HFC-134a, and others, and is usable in mineral oil systems. Among the most preferred embodiments of the present invention are mixtures that are substitutes for these refrigerants, comprising about 1 to 85 weight percent R-125, and about 1 to 80 weight percent R-134a, and about 0 to 12 weight percent of R-1270, R-290 or a mixture thereof, and about 1 to 15 weight percent R-E170 and about 0 to 20 weight percent R-227ea, with the weight percentages of the components being weight percentages of the overall mixture.

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